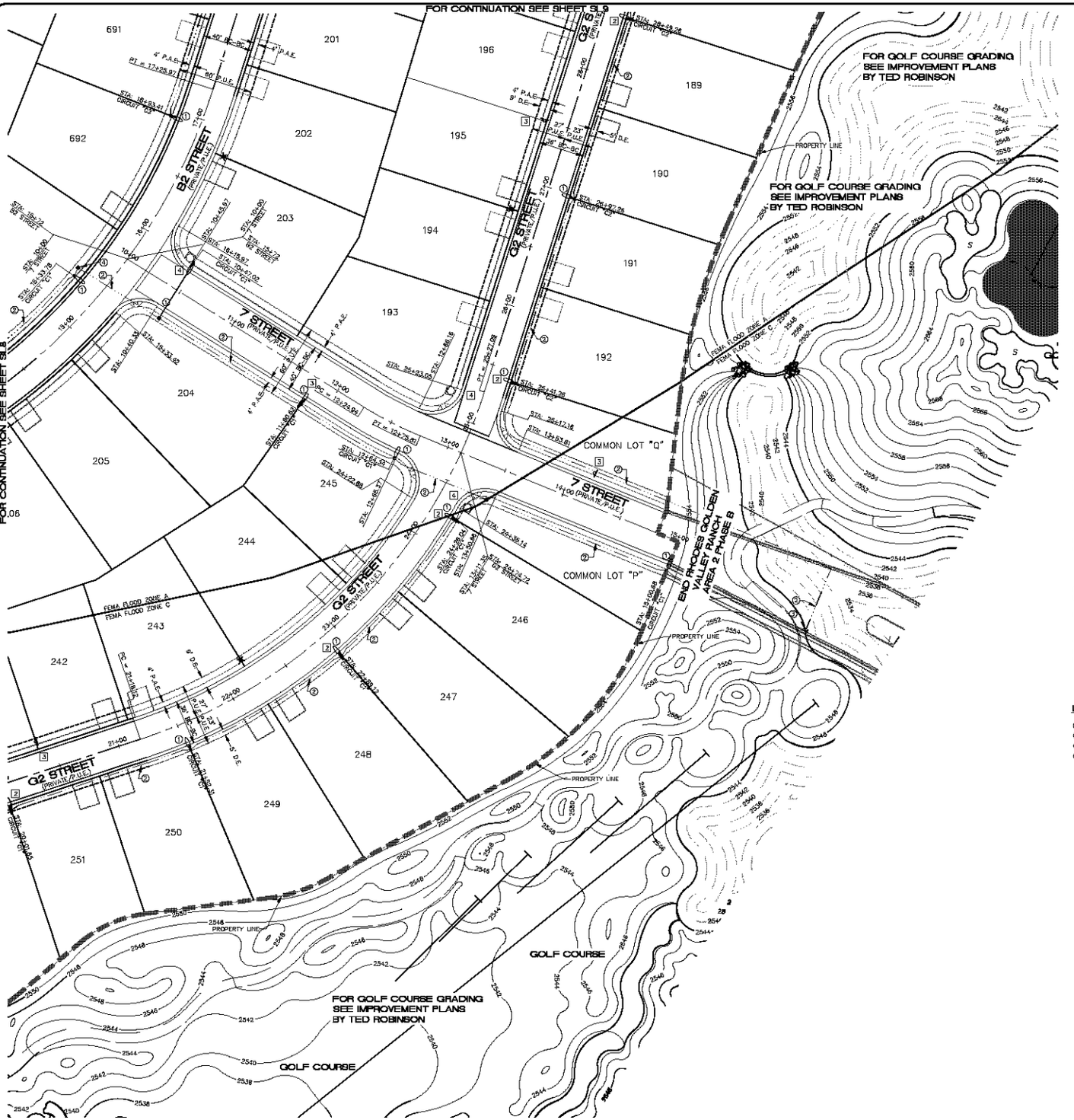
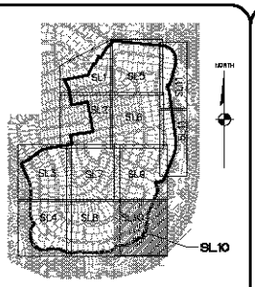
Case 09-14814-gwz Doc 1239-9 Entered 08/13/10 16:24:05 Page 1 of 1



NORTH

GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



KEYMAP
N.T.S.

NEW STREETLIGHT SERVICE PEDESTAL CIRCUIT "C"

STREETLIGHT CIRCUIT "C1" CAPACITY VERIFICATION

LOCATION: SOUTHEAST ENTRANCE

SERVICE PEDESTAL CAPACITY	=	125 AMPS
CIRCUIT BREAKER	=	60 AMPS
MAXIMUM ALLOWABLE DRAW (0.80) X 60 AMPS	=	48 AMPS
EXISTING CIRCUIT LOAD	=	0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT 42 EA – 100 WATT @ 1.0 AMPS EACH	=	42.0 AMPS
TOTAL PROPOSED LOAD	=	42.0 AMPS
EXISTING PLUS PROPOSED LOAD	=	42.0 AMPS
REMAINING AVAILABLE LOAD	=	6.0 AMPS

STREETLIGHT CIRCUIT "C2" CAPACITY VERIFICATION

LOCATION: SOUTHEAST ENTRANCE

SERVICE PEDESTAL CAPACITY	=	125 AMPS
CIRCUIT BREAKER	=	60 AMPS
MAXIMUM ALLOWABLE DRAW (0.80) X 60 AMPS	=	48 AMPS
EXISTING CIRCUIT LOAD	=	0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT 26 EA – 100 WATT @ 1.0 AMPS EACH	=	26.0 AMPS
TOTAL PROPOSED LOAD	=	26.0 AMPS
EXISTING PLUS PROPOSED LOAD	=	26.0 AMPS
REMAINING AVAILABLE LOAD	=	22.0 AMPS

NEW STREETLIGHT SERVICE PEDESTAL CIRCUIT "D"

STREETLIGHT CIRCUIT "D1" CAPACITY VERIFICATION

LOCATION: PHASE 2 BETWEEN LOT 604 & 605 IN CULDESAC

SERVICE PEDESTAL CAPACITY	=	125 AMPS
CIRCUIT BREAKER	=	60 AMPS
MAXIMUM ALLOWABLE DRAW (0.80) X 60 AMPS	=	48 AMPS
EXISTING CIRCUIT LOAD	=	0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT 39 EA – 100 WATT @ 1.0 AMPS EACH	=	39.0 AMPS
TOTAL PROPOSED LOAD	=	39.0 AMPS
EXISTING PLUS PROPOSED LOAD	=	39.0 AMPS
REMAINING AVAILABLE LOAD	=	9.0 AMPS

STREETLIGHT CIRCUIT "D2" CAPACITY VERIFICATION

LOCATION: PHASE 2 BETWEEN LOT 604 & 605 IN CULDESAC

SERVICE PEDESTAL CAPACITY	=	125 AMPS
CIRCUIT BREAKER	=	60 AMPS
MAXIMUM ALLOWABLE DRAW (0.80) X 60 AMPS	=	48 AMPS
EXISTING CIRCUIT LOAD	=	0 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT 48 EA – 100 WATT @ 1.0 AMPS EACH	=	48.0 AMPS
TOTAL PROPOSED LOAD	=	48.0 AMPS
EXISTING PLUS PROPOSED LOAD	=	48.0 AMPS
REMAINING AVAILABLE LOAD	=	0.0 AMPS

LIGHTING CONSTRUCTION NOTES

1. INSTALL 100W HPS LUMINAIRE PER DET. NO. 314 ON SHT DT5
2. INSTALL 1 1/4" STREETLIGHT CONDUIT AND WIRE PER DET. NO. 501 ON SHT DT5
3. INSTALL 125 AMP SERVICE PEDESTAL PER DET. NOS. 330 & 331 ON SHT DT5
4. INSTALL PULL BOX PER DET. NOS. 328 & 328 ON SHT DT5

TRAFFIC CONSTRUCTION NOTES

1. INSTALL W14-2 " NO OUTLET"
2. INSTALL "NO PARKING FIRE LANE SIGN" PER DETAIL THIS SHEET
3. INSTALL SIZE R2-1 (25 MPH) "SPEED LIMIT SIGN"
4. INSTALL 30" R1-1 "STOP SIGN" W/ (2) 9" D3 "STREET NAME SIGNS"
5. REMOVE EXISTING BARRICADE

NOTES:
NOT ALL NOTES USED ON THIS SHEET.
ALL SIGNAGE SHALL BE PER THE LATEST MUTCD MANUAL.

BASIS OF BEARINGS

NORTH 00°13'38" EAST – THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (IFT), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" – LATITUDE 35°09'22.70034"N, LONGITUDE 114°09'21.57240"W (NAD '83) HEIGHT 2582.46361IFt (NAVD'88)

STONE 1/4 COR 3/2 = LATITUDE 35°08'55.53385"N, LONGITUDE 114°10'30.79281"W (NAD '83) HEIGHT 2488.20458IFt (NAVD'88)

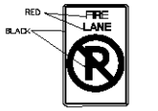
BENCHMARK

BENCHMARK # "SD 34" M.C.S.D.
ELEVATION= 2580.24273 IFT (NAVD '88)

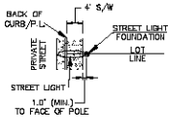
DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 85 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343."

LEGEND

- 1 1/4" STREET LIGHT CONDUIT
- PROPOSED 100 W HPS LUMINAIRE
- NO. 3-1/2" PULL BOX
- SERVICE PEDESTAL
- PROPOSED STREET SIGNS
- PROPOSED STOP SIGN W/ (2) STREET NAME SIGNS
- PROPOSED BARRICADE



FIRE LANE SIGN (12"x 18")
RED AND BLACK ON WHITE LUMINOUS BACKGROUND



NOTE:
IN LOCATIONS WHERE LIGHT POLE IS NOT ADJACENT TO A SIDEWALK, FACE OF POLE TO BE 3' FROM BACK OF CURB.

STREETLIGHT LOCATION
N.T.S.

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVER-HEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Arizona notification of underground utility lines. It's worth... Call before you Dig
1-800-782-5348

Arizona overhead power line contact. Call before you Overhead
1-928-753-5591

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 04/12/06

Registered Professional Engineer
62874
STEVEN A. HAGEL
ARIZONA, U.S.A.

REV. NO.	DESCRIPTION	DRAWN BY	APPROVAL	DATE

SCALE (H) 1"=40'
SCALE (V) N/A
DRAWN BY GA
CHECKED BY SH/DB
DATE 04-12-06

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Las Vegas, NV 89119
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RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
AREA 2 PHASE B
STREET LIGHT AND TRAFFIC CONTROL PLAN 10
MOHAVE COUNTY ARIZONA

SHEET
SL10
42 OF 79 SHEETS

SCI PROJECT#
18476.24.22